

Form PTO-1449

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Serial No.
09/989,605

INFORMATION DISCLOSURE CITATION

Applicant
Glas, et al.

Filing Date
November 20, 2001

**Group
2681**

(Use several sheets if necessary)



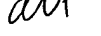

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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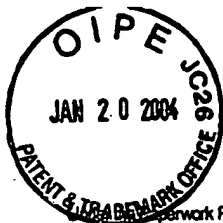
OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, etc.)*

	1	"Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications High-speed Physical Layer in the 5 GHz Band", Sponsor: LAN/MAN Standards Committee of the IEEE Computer Society, IEEE Std 802.11a-1999.
	2	"Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Physical (PHY) layer", ETSI, ETSI TS 101 475 V1.2.2. (2001-02).
	3	"The Synthesis and Application of Polyphase Filters With Sequence Asymmetric Properties", Michael John Gingell, 1975.
	4	"Integrated Wireless Transceiver Design with Emphasis on IF Sampling", Mihai Banu, Bell Laboratories, Lucent Technologies; Carlo Samori, Politecnico di Milano, Italy; Jack Glas, Gell Laboratories, Lucent Technologies; John Khoury, Columbia University, New York.

* **EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	09/989,605
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	November 20, 2001
		First Named Inventor	GLAS, Jack P.
		Group Art Unit	2631
		Examiner Name	GHAYOUR, MOHAMMAD H
		Attorney Docket Number	9A01.1-100
Sheet	1	of	1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
llt		MANETAKIS, KOSTAS et al.; "SC QUADRATURE MIXER FOR IF BANDPASS SAMPLING"; The 6 th IEEE International Conference on PAFOS, CYPRUS; September 5-8, 1999; pages 9-12; Piscataway, NJ, USA	
llt		HENTSCHEL, TIM et al.; "THE DIGITAL FRONT-END OF SOFTWARE RADIO TERMINALS"; Article; August 1999; Pages 40-46; Volume 6, No. 4; IEEE Personal Communications, IEEE Communications Society, USA	
llt		BEHBAHANI, FARBOD et al.; "A 2.4 GHZ LOW-IF RECEIVER FOR WIDEBAND WLAN IN 0.6 UM CMOS - PART 1: ARCHITECTURE AND FRONT-END CIRCUITS"; Article; December 2000; Pages 63-71; Vol. 54, No. 1-2; Microelectronic Engineering, Elsevier Publishers BV, Amsterdam, Netherlands	
llt		BEHBAHANI, FARBOD et al.; "AN ADAPTIVE 2.4 GHZ LOW-IF RECEIVER IN 0.6 UM CMOS FOR WIDEBAND WIRELESS LAN"; IEEE ISSCC2000 Conference; February 7, 2000; Pages 146-147	

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